

20010915.qrp v02\_n313.qrl.20010915

Date: Sat, 15 Sep 2001 19:03:12 EDT  
From: qrp-l@Lehigh.EDU  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: QRP-L digest 2313

### QRP-L Digest 2313

Topics covered in this issue include:

- 1) [107025] is the list down?  
by "John Dorson" <JDORSON@worldshare.net>
- 2) [107026] QRP AFIELD & THE SUN  
by "Paul Harden, NA5N" <na5n@rt66.com>
- 3) [107027] The low power beacon mode for rescue  
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 4) [107028] Re: The low power beacon mode for rescue  
by "Mike Yetsko" <myetsko@insydesw.com>
- 5) [107029] Back again....  
by Ron KU7Y <mswmod@bigplanet.com>
- 6) [107030] Re: Back again....  
by "Brice D. Hornback" <bdh@cyberbound.net>
- 7) [107031] QRP Afield  
by "Mark J. Dulcey" <mark@buttery.org>
- 8) [107032] K0EVZ FOX Log  
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 9) [107033] Re: Celebrations in Arabic S. Paterson, NJ [OT]  
by "DTX" <dtx@wood.tzo.com>
- 10) [107034] Alaska QRP Club List now current  
by Jim Larsen AL7FS <AL7FS@pobox.alaska.net>
- 11) [107035] Re: Cell Phones as QRP beacons  
by "Henry Freedenberg" <henryf@quartz.gly.fsu.edu>
- 12) [107036] Re: Celebrations in Arabic S. Paterson, NJ  
by "Henry Freedenberg" <henryf@quartz.gly.fsu.edu>
- 13) [107037] Re: Celebrations in Arabic S. Paterson, NJ [OT]  
by "Lee S. Mairs" <lmairs@cox.rr.com>
- 14) [107038] Re: Celebrations in Arabic S. Paterson, NJ  
by "Lee S. Mairs" <lmairs@cox.rr.com>
- 15) [107039] Re: Back again....  
by Pete Burbank <plburbank@kih.net>
- 16) [107040] Re: Cell Phones as QRP beacons  
by "Steven Weber" <kd1jv@moose.ncia.net>
- 17) [107041] Re: Celebrations in Arabic S. Paterson, NJ [OT]  
by "N3BJ" <qrpdx@earthlink.net>
- 18) [107042] Re: QRP Afield  
by "Dave Fifield" <dave@redhotradio.com>
- 19) [107043] ZS6/G3JAG

- by Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>
- 20) [107044] G3TXF for QRP Hall of Fame  
by "Adrian Weiss" <aweiss@usd.edu>
- 21) [107045] Breaking News  
by "Rob Matherly" <kc0bom@arrl.net>
- 22) [107046] Re: Breaking News  
by "Tom" <n1tp@worldnet.att.net>
- 23) [107047] Re: [fpqrp] Breaking News  
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
- 24) [107048] Re: Celebrations in Arabic S. Paterson, NJ  
by "Mike Yetsko" <myetsko@insydesw.com>
- 25) [107049] DExpedition for QRP Afield a GO!  
by "John L. Sielke" <w2agn@pobox.com>
- 26) [107050] Re: Cell Phones as QRP beacons  
by "Henry Freedenberg" <henryf@quartz.gly.fsu.edu>
- 27) [107051] Island cutting doohickey--where?  
by Nick Kennedy <nkennedy@tcainternet.com>
- 28) [107052] FS: MFJ-9406 six meter SSB transceiver  
by "AB0CD" <ab0cd@uswest.net>
- 29) [107053] FS: IC706 - Original  
by "AB0CD" <ab0cd@uswest.net>
- 30) [107054] Re: Island cutting -- A Name  
by "Chuck Carpenter" <w5usj@globeco.net>
- 31) [107055] Re: Island cutting doohickey--where?  
by "Mike Yetsko" <myetsko@insydesw.com>
- 32) [107056] Re: [fpqrp] Breaking News  
by "Mike Yetsko" <myetsko@insydesw.com>
- 33) [107057] Re: Island cutting doohickey--where?  
by "David Porter" <aa3ur@home.com>
- 34) [107058] Filter for Sangean and RS receiver  
by "Mike Duke" <k5xu@concentric.net>
- 35) [107059] RIVERSIDE QRP Forum A Big Success  
by "James R. Duffey" <jamesd1@flash.net>
- 36) [107060] Re: G3TXF for QRP Hall of Fame  
by DYARNES@aol.com
- 37) [107061] Re: Article on ladder line losses  
by "James R. Duffey" <jamesd1@flash.net>
- 38) [107062] My Thoughts  
by Chris J Cole <cjcole@ameshomeschool.org>
- 39) [107063] FS: SLV and sd-20 fishing pole  
by "John Dorson" <JDORSON@worldshare.net>
- 40) [107064] Re: Question about 1:1 balun at the feedpoint of nested dipoles.  
by "James R. Duffey" <jamesd1@flash.net>
- 41) [107065] Looking for sources for crystals for a group-build project  
by "Steve Hudson" <sdhudson@cahners.com>
- 42) [107066] Re: [fpqrp] Breaking News  
by Bruce Muscolino <w6toy@erols.com>
- 43) [107067] anyone have one?

by Michael Goins <mgoins@usa.net>  
44) [107068] More talk about ladder lines ...  
by Nick Kennedy <nkennedy@tcainternet.com>

-----  
Date: Fri, 14 Sep 2001 19:06:06 -0400  
From: "John Dorson" <JDORSON@worldshare.net>  
To: "QRP-L" <qrp-l@Lehigh.EDU>  
Subject: [107025] is the list down?  
Message-ID: <002001c13d71\$d6b3f040\$3490f4d1@john>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

have no posts since yesterday...  
John K2JHU...  
jdorson@worldshare.net

-----  
Date: Fri, 14 Sep 2001 17:33:14 -0600 (MDT)  
From: "Paul Harden, NA5N" <na5n@rt66.com>  
To: qrp-canada@neale.gpfn.sk.ca, qrp-l@lehigh.edu  
Subject: [107026] QRP AFIELD & THE SUN  
Message-ID: <Pine.SUN.4.10.10109141721080.29096-100000@shell.rt66.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,  
First ... the sun. Solar flux is quite high at 237. Our geomagnetic field is a bit unsettled and active. That means the higher frequencies are open and the lower frequencies a bit noisy. However, we also had a M4 flare about 2330UTC friday ... with possibilities for another flare tomorrow. That could cause signal degradation and absorption just like for last weeks SOC. For SOC, we had a large M class flare a couple of hours before the contest, and another about 1.5 hours into it. Pretty well trashed the bands all saturday afternoon, and I noticed the bands seem to recover about 12 minutes after the contest ended!

So there's the numbers -- you figure it out. I'm afraid if I say anything more, it will jinx THIS contest as well :-( Seems last 2-3 contests, everything looked great, then some darn M-class flare cropped up and took us out. So my lips are sealed on this one!

I'll be operating from a small park on the Rio Grande river, north of

Socorro, NM in a small town (population probably 300) called Escondida. Hope to work many of you for QRP AFIELD saturday. Did I mention the wind? I've reconsidered and think I'd rather have wind than total D-layer absorption :-)

Everyone get on the air and try to have some fun. It's been a most stunning, horrific week for us all, and the best medicine is to exchange greetings with our QRP family of friends.

72, Paul NA5N

-----  
Date: Fri, 14 Sep 2001 19:38:55 -0500  
From: "Stuart Rohre" <rohre@arlut.utexas.edu>  
To: <okh.npi@gte.net>  
Cc: <qrp-1@Lehigh.EDU>  
Subject: [107027] The low power beacon mode for rescue  
Message-ID: <000d01c13d7e\$cd22ad20\$4e100a0a@rohredt2000>

Interesting thought about a beacon mode for low power communications device.

Firemen today carry a pager sized "PASS" device that sounds when the fireman does not move for a time, such as if he was trapped under rubble. It is an audio alert.

However, lifetime on those or on a battery radio is limited. It takes quite awhile to get down to the heart of a collapsed structure as WTC is showing. They must move carefully to not collapse air pockets below, which might contain survivors. I would say they are only down about 2 stories if that now, after how many days at WTC?

Maybe one needs a device that would only turn on after you do not move for a day or more. That way, the battery would last longer. Remember also, that DFing in a cell phone environment would be very difficult or even a HF QRP rig in presence of so much collapsed metal beams reflecting signals.

It is hoped any trapped and using cell phone will ratio its use, until help is truly near.

One thing I have noticed is that they do not seem to be using acoustic probes as much as I would have expected. Nor do I hear them trying to approach the building from basements of other buildings. Were the WTC lower levels not joined? Or are all filled with rubble?

Cave explorers use VLF for in cave to above ground rescue communications,

and have rigs similar to the low power SSB transceivers. It carries thru rock better than HF because of long waves and ease of using magnetic loop antenna in a cave or confined space vs. E field antennas that are less effective at LF.

72,

Stuart K5KVH

-----  
Date: Fri, 14 Sep 2001 20:49:06 -0400  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: <rohre@arlut.utexas.edu>,  
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [107028] Re: The low power beacon mode for rescue  
Message-ID: <000f01c13d80\$4295b420\$0600a8c0@dad>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

It would seem to me the PASS should have a 'mode' where it responds only when interrogated, like with an ultrasonic burst. That way it could stay in low power 'receive' mode.

Mike

----- Original Message -----

From: Stuart Rohre <rohre@arlut.utexas.edu>

> Firemen today carry a pager sized "PASS" device that sounds when the  
fireman  
> does not move for a time, such as if he was trapped under rubble. It is  
an  
> audio alert.  
>  
> 72,  
> Stuart K5KVH  
>  
>  
>

-----  
Date: Fri, 14 Sep 2001 19:24:27 -0600

From: Ron KU7Y <msswmod@bigplanet.com>  
To: QRP-L <qrp-l@Lehigh.EDU>  
Subject: [107029] Back again....  
Message-ID: <000b01c13d85\$6965aba0\$67c6a9d8@oemcomputer>  
MIME-version: 1.0  
Content-type: text/plain; charset=iso-8859-1  
Content-transfer-encoding: 7bit

Hi All,

Here I am, back from the mountains around Stanley, ID where we were doing the campground hosting/managing thing. Very limited email while up there.

Good to be back and now to see if there is any QRP related posts right now.

QRP with poor antennas gave very poor results. Maybe I'm just spoiled after having some good antennas for awhile!

Later.....

Ron, KU7Y  
Full Time RVing somewhere in the West.  
Currently back in Boise, ID.

-----  
Date: Fri, 14 Sep 2001 20:48:29 -0500  
From: "Brice D. Hornback" <bdh@cyberbound.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [107030] Re: Back again....  
Message-ID: <084801c13d88\$8550dbc0\$6e01a8c0@lwinc1.in.home.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I've recently proven to myself that a poor antenna located underground gives even worse than poor results. It seems to receive just fine though. Last night using my "unmodified" Pixie 2 I heard someone calling CQ from Washington state but he couldn't hear me here in Indianapolis, IN. I REALLY need to get an antenna out of my basement and up in the air! hi hi

Welcome back.

72 de Brice KA8MAV  
QRPP International - <http://www.cyberbound.net/QRPP>

----- Original Message -----

From: Ron KU7Y <mswmod@bigplanet.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Sent: Friday, September 14, 2001 8:24 PM

Subject: Back again....

> Hi All,

>

> Here I am, back from the mountains around Stanley, ID where we were doing  
> the campground hosting/managing thing. Very limited email while up there.

>

> Good to be back and now to see if there is any QRP related posts right  
now.

>

> QRP with poor antennas gave very poor results. Maybe I'm just spoiled  
after

> having some good antennas for awhile!

>

> Later.....

>

> Ron, KU7Y

> Full Time RVing somewhere in the West.

> Currently back in Boise, ID.

>

-----  
Date: Fri, 14 Sep 2001 22:08:00 -0400

From: "Mark J. Dulcey" <mark@buttery.org>

To: qrp-1@lehigh.edu

Subject: [107031] QRP Afield

Message-ID: <3BA2B800.6010103@buttery.org>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii; format=flowed

Content-Transfer-Encoding: 7bit

QRP Afield is continuing as scheduled. There was discussion among NEQRP about cancelling, but it was felt that there was no need to do so - the low power levels and relatively small number of participants expected mean that no interference with emergency operation is anticipated. If, however, you do hear disaster-related traffic on the air, please give way and let them use the bands. And if you're in the New York City area, consider helping out the recovery effort - ARES has put out a call for operators. <http://www.arrl.org/news/stories/2001/09/14/5/?nc=1>

Information about QRP Afield is available on the NEQRP web site:  
<http://www.qsl.net/wq1rp/>

Members of the New England QRP Club will be operating as WQ1RP during the event. I will be taking the 0200z to 0300z shift, and expect to operate on 80 meters; listen for me there.

Mark Dulcey KE1L

-----  
Date: Fri, 14 Sep 2001 22:15:18 -0400  
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>  
To: ".QRP-L Discussion Group" <QRP-L@Lehigh.edu>  
Cc: ")W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>  
Subject: [107032] K0EVZ FOX Log  
Message-ID: <200109142215\_MC3-DFB9-7B91@compuserve.com>  
MIME-Version: 1.0  
Content-Transfer-Encoding: quoted-printable  
Content-Type: text/plain;  
                  charset=ISO-8859-1  
Content-Disposition: inline

Gang:

|      |        |     |    |        |   |
|------|--------|-----|----|--------|---|
| 0202 | K4BYF  | 559 | FL | Jack   | 5 |
| 0203 | KB7WW  | 559 | OR | Art    | 5 |
| 0204 | W5TB   | 559 | TX | Doc    | 5 |
| 0205 | NQ7X   | 559 | CA | Floyd  | 5 |
| 0206 | AA50   | 559 | LA | Vern   | 5 |
| 0207 | W5YR   | 559 | TX | George | 5 |
| 0207 | K5GBG  | 559 | TX | Rod    | 5 |
| 0208 | K7LDB  | 559 | WA | Lee    | 5 |
| 0209 | AF4LQ  | 559 | KY | Mike   | 5 |
| 0211 | NV4V   | 559 | KY | Pete   | 5 |
| 0213 | N4SO   | 559 | AL | Ken    | 5 |
| 0215 | WA8BXN | 559 | OH | Mike   | 5 |
| 0216 | NQ7T   | 559 | WA | Gary   | 5 |
| 0218 | AB0CD  | 559 | CO | Dick   | 5 |
| 0223 | N6ZI   | 559 | CA | Al     | 5 |
| 0226 | VE7EX  | 559 | AB | Dan    | 5 |
| 0227 | AC5JH  | 559 | OK | Tom    | 5 |
| 0229 | AC6UV  | 559 | CA | Gody   | 5 |
| 0230 | AA7XA  | 559 | OR | Frank  | 5 |
| 0231 | WV9N   | 559 | OH | Randy  | 5 |



|      |        |     |    |       |   |
|------|--------|-----|----|-------|---|
| 0231 | K8CV   | 559 | MI | Walt  | 5 |
| 0232 | K5DP   | 559 | OK | Mark  | 3 |
| 0241 | K0FRP  | 559 | CO | Al    | 5 |
| 0246 | WA9TZE | 559 | WI | Jim   | 5 |
| 0251 | VE5RC  | 559 | SK | Bruce | 5 |
| 0255 | N6WE   | 559 | CA | Bob   | 5 |
| 0258 | VA6RF  | 559 | AB | Earl  | 5 |

Respectfully and 73,  
--Doc/K0EVZ

-----  
Date: Fri, 14 Sep 2001 19:43:42 -0700  
From: "DTX" <dtx@wood.tzo.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [107033] Re: Celebrations in Arabic S. Paterson, NJ [OT]  
Message-ID: <009b01c13d90\$3bf85540\$0c00a8c0@home>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Strange choice of words, there, Jim. Draft doger? As I recall, he went down to the appointed induction center when called, stood in line and refused to step forward and be inducted. He also refused the promise of stateside duty at some cushy show-n-tell assignment, was sentenced to time in prison and spent large amounts of money on legal fees and lost millions and the 3 peak (and irreplaceable) years in his career, for what he believed. And when the Supreme Court said he was right, I don't recall that he even got a "Sorry 'bout that."

I thought draft dogers were the ones that grabbed their backpack and some pot and took off for Canada to sit out the conflict while living on money Mom and Daddy sent from home and then demanded amnesty when it was over so they could come back. But perhaps I am remembering wrong.

Gary WA6DTX

----- Original Message -----  
From: <tcld@widomaker.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Friday, September 14, 2001 3:43 AM  
Subject: Re: Celebrations in Arabic S. Paterson, NJ

> I seem to recall Mr Ali being pretty much a draft dodger in his  
> pre-Muslim life...

>  
> Jim  
>  
> Rod Cercone, NORC wrote:  
> >  
> > No Doubt there are many fine Muslims, Mohammed Ali comes to mind. I had  
> > the pleasure to meet the man, and his family a number of years ago.  
> >  
> > But, in my mind, those who celebrate the attack are no better than  
> > those who committed the act. Yes it's a free country and they have the  
> > right to do so, as I and others have the right to express our disgust  
> > about their behavior. Let's be careful where, how and to whom we focus  
> > our anger.  
> >  
> > 73, Rod NORC  
> > Ft Collins, CO  
> >  
> > ----- Original Message -----  
> > From: "Brad Hernlem" <alihernlem@hotmail.com>  
> > To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
> > Sent: Thursday, September 13, 2001 5:30 AM  
> > Subject: Re: Celebrations in Arabic S. Paterson, NJ  
> >  
> > > You may find the following instructive:  
> > >  
> > > <http://www.cair-net.org/>  
> > >  
> > > [http://iic.org/press\\_release/pr\\_terror.html](http://iic.org/press_release/pr_terror.html)  
> > >  
> > > The people that committed these attacks represent hate and nothing  
> > and  
> > > no one else.  
> > >  
> > > Brad  
> > >  
> > > From: John Harper AE5X (ae5x@qsl.net)  
> > >  
> > > > Last night while a lot of us were glued to the TV set watching,  
> > among other  
> > > > footage, the celebrations in Palestinian West Jerusalem, the  
> > celebrations  
> > > > were being mimicked right here in the USA. South Paterson &  
> > Elizebeth, NJ  
> > > > have large Arabic populations, some of whom gathered in the streets  
> > to  
> > > > celebrate yesterday's disaster.  
> > >  
> > > > Disgusting human garbage, aren't they.

> > >  
> > > >John Harper AE5X  
> > > >Outdoor QRP & Lowband DXing: <http://www.qsl.net/ae5x>  
> > >  
> > >  
> > > -----  
> > > Get your FREE download of MSN Explorer at  
> > <http://explorer.msn.com/intl.asp>  
> > >

-----  
Date: Fri, 14 Sep 2001 18:43:45 -0800  
From: Jim Larsen AL7FS <AL7FS@pobox.alaska.net>  
To: "qrp-l@lehigh.edu" <qrp-l@lehigh.edu>  
Subject: [107034] Alaska QRP Club List now current  
Message-ID: <3BA2C061.AE275573@pobox.alaska.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Greetings from Alaska,

Ok, the Membership List is up to date for the Alaska QRP Club.

<http://www.qsl.net/k17aqc/>

I only took 21 months to figure it out. :-)

I doubt I am being very efficient with the html but it is getting done.  
I have to go to a ham banquet tonight so will update the "last updated  
dates" later this weekend.

73, Jim

--

Jim Larsen, AL7FS, Anchorage, Alaska  
(BP51cc) - 61.101 North, 149.824 West  
<mailto:al7fs@arrl.net> - <http://www.qsl.net/al7fs/>

-----  
Date: Fri, 14 Sep 2001 22:44:03 -0400  
From: "Henry Freedenberg" <henryf@quartz.gly.fsu.edu>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>,  
n9rla@yahoo.com  
Subject: [107035] Re: Cell Phones as QRP beacons

Message-ID: <3BA28833.5301.231191@localhost>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

I was thinking about this also. You dont even need a special mode...you can df a cell signal with an ordinary tdoa array. You just need to figure out the xmit freq of the cell phone.

My Alinco DJ-580 HT is pre 800Mhz ban. I was thinking about working up a proof of concept prototype using the HT.

On 14 Sep 2001, at 12:17, Dan Evans wrote:

> I would like it just so I could find mine! Once the XYL gets hold of it, I  
> can never locate it....

>

> Dan Evans N9RLA

> Scottsburg, IN 47170

> {EM78}

> IN-Ham list administrator

> QRP-1 #1269

> 1/2 of the N9RLA /R no budget Rover Team

> Check out the Rover Resource Page at:

> <http://www.qsl.net/n9rla>

>

> ----- Original Message -----

> From: "Rich Dailey, KA8OKH" <okh.npi@gte.net>

> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

> Sent: Thursday, September 13, 2001 7:46 PM

> Subject: Cell Phones as QRP beacons

>

>

> >

> > It appears many had cellphones on them at the time of the  
> > attack. I wish there was a low-power beacon mode that  
> > could be activated in these situations that rescue personel  
> > could home in on. A personal EPIRB of sorts. Perhaps we  
> > could toss this idea around? I think it would be constructive,  
> > on-topic, and perhaps helpful.

> >

> > My mind is just in free-thinking mode right now. It's very  
> > frustrating to not be able to help out in a more direct way.

> >

> > Rich, KA8OKH  
> >  
> >  
> > -----  
> > Rich Dailey, KA8OKH - Phyllis Dailey, KB4NPI  
> > "Not having Sendmail is like not having VD" - Anonymous  
> > -----  
>  
>  
> -----  
> Do You Yahoo!?  
> Get your free @yahoo.com address at <http://mail.yahoo.com>  
>  
>

-----  
Date: Fri, 14 Sep 2001 22:54:51 -0400  
From: "Henry Freedenberg" <[henryf@quartz.gly.fsu.edu](mailto:henryf@quartz.gly.fsu.edu)>  
To: "Low Power Amateur Radio Discussion" <[qrp-l@Lehigh.EDU](mailto:qrp-l@Lehigh.EDU)>, [dmaliniak@penton.com](mailto:dmaliniak@penton.com)  
Subject: [107036] Re: Celebrations in Arabic S. Paterson, NJ  
Message-ID: <3BA28ABB.23752.2CF8E1@localhost>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

On 14 Sep 2001, at 9:32, [dmaliniak@penton.com](mailto:dmaliniak@penton.com) wrote:  
Well...it ain't south Patterson but the following story up in Friday's  
Jerusalem Post:

Foreign Press Association protests PA threats  
to journalists

By Jerusalem Post Staff

JERUSALEM (September 14) - The Foreign Press Association expressed deep concern yesterday over life threats made to journalists by the Palestinian Authority, after PA security personnel on Tuesday tried to prevent photo and video coverage of a rally in Nablus where hundreds of Palestinians celebrated the terror attacks in New York and Washington.

The videographer, on assignment for Associated Press Television News, was summoned to a PA security office and told that the material must not be aired. Calls in the name of the Tanzim militia, an armed group

associated with Yasser Arafat's Fatah group, warned him he would be held responsible, and made what he interpreted as threats on his life.

Several Palestinian Authority officials spoke to AP in Jerusalem urging that the material not be broadcast. Ahmed Abdel Rahman, Arafat's cabinet secretary, said the Palestinian Authority "cannot guarantee the life" of the cameraman if the footage was broadcast.

> Lee, KM4YY wrote:  
> After this "Celebrations in Arabic South Paterson,  
> NJ" thread was started, not one of the news networks has picked up on it.  
> The Washington Post missed it too. Seems a little strange...

-----  
Date: Fri, 14 Sep 2001 23:26:01 -0400  
From: "Lee S. Mairs" <lmairs@cox.rr.com>  
To: <dtx@wood.tzo.com>,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [107037] Re: Celebrations in Arabic S. Paterson, NJ [OT]  
Message-ID: <003601c13d96\$2528bca0\$6401a8c0@cox.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

As a Vietnam veteran, I can assure you that you are remembering it absolutely correct!  
Lee Mairs

Act that your principle of action might safely be made a law for the whole world.

--Immanuel Kant

>  
> I thought draft dogers were the ones that grabbed their backpack and some  
> pot and took off for Canada to sit out the conflict while living on money  
> Mom and Daddy sent from home and then demanded amnesty when it was over so  
> they could come back. But perhaps I am remembering wrong.  
>  
> Gary WA6DTX  
>  
> ----- Original Message -----  
> From: <tcltd@widomaker.com>

> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
> Sent: Friday, September 14, 2001 3:43 AM  
> Subject: Re: Celebrations in Arabic S. Paterson, NJ  
>  
>  
> > I seem to recall Mr Ali being pretty much a draft dodger in his  
> > pre-Muslim life...  
> >  
> > Jim  
> >  
> > Rod Cercone, N0RC wrote:  
> > >  
> > > No Doubt there are many fine Muslims, Mohammed Ali comes to mind. I had  
> > > the pleasure to meet the man, and his family a number of years ago.  
> > >  
> > > But, in my mind, those who celebrate the attack are no better than  
> > > those who committed the act. Yes it's a free country and they have the  
> > > right to do so, as I and others have the right to express our disgust  
> > > about their behavior. Let's be careful where, how and to whom we focus  
> > > our anger.  
> > >  
> > > 73, Rod N0RC  
> > > Ft Collins, CO  
> > >  
> > > ----- Original Message -----  
> > > From: "Brad Hernlem" <alihernlem@hotmail.com>  
> > > To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
> > > Sent: Thursday, September 13, 2001 5:30 AM  
> > > Subject: Re: Celebrations in Arabic S. Paterson, NJ  
> > >  
> > > > You may find the following instructive:  
> > > >  
> > > > <http://www.cair-net.org/>  
> > > >  
> > > > [http://iic.org/press\\_release/pr\\_terror.html](http://iic.org/press_release/pr_terror.html)  
> > > >  
> > > > The people that committed these attacks represent hate and nothing  
> > > > and  
> > > > no one else.  
> > > >  
> > > > Brad  
> > > >  
> > > > From: John Harper AE5X (ae5x@qsl.net)  
> > > >  
> > > > > Last night while a lot of us were glued to the TV set watching,  
> > > > > among other  
> > > > > footage, the celebrations in Palestinian West Jerusalem, the  
> > > > > celebrations

> > > > were being mimicked right here in the USA. South Paterson &  
> > > Elizebeth, NJ  
> > > > have large Arabic populations, some of whom gathered in the streets  
> > > to  
> > > > celebrate yesterday's disaster.  
> > > >  
> > > > Disgusting human garbage, aren't they.  
> > > >  
> > > > John Harper AE5X  
> > > > Outdoor QRP & Lowband DXing: <http://www.qsl.net/ae5x>  
> > > >  
> > > >  
> > > > -----  
> > > > Get your FREE download of MSN Explorer at  
> > > <http://explorer.msn.com/intl.asp>  
> > > >  
>  
>

-----  
Date: Fri, 14 Sep 2001 23:29:15 -0400  
From: "Lee S. Mairs" <lairs@cox.rr.com>  
To: <henryf@quartz.gly.fsu.edu>,  
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [107038] Re: Celebrations in Arabic S. Paterson, NJ  
Message-ID: <004001c13d96\$98b0d900\$6401a8c0@cox.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 8bit

I think that Nablus is a bit far from South Paterson. I'm not surprised that the Palestinians reacted that way, but I am shocked and astonished that one of our own would make up a story about similar action in the US. Of course, I might be wrong and all the media could have missed this scoop, but I kind of doubt it...

Lee

Never be afraid to try something new. Remember, amateurs built the ark. Professionals built the Titanic.

--Unknown

----- Original Message -----

From: "Henry Freedenberg" <henryf@quartz.gly.fsu.edu>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Friday, September 14, 2001 10:54 PM



Subject: Re: Celebrations in Arabic S. Paterson, NJ

>  
>  
> On 14 Sep 2001, at 9:32, dmaliniak@penton.com wrote:  
> Well..it ain't south Patterson but the following story up in Friday's  
> Jerusalem Post:  
>  
> Foreign Press Association protests PA threats  
> to journalists  
> By Jerusalem Post Staff  
> JERUSALEM (September 14) - The Foreign Press Association  
> expressed deep concern yesterday over life threats made to journalists  
> by the Palestinian Authority, after PA security personnel on Tuesday  
> tried to prevent photo and video coverage of a rally in Nablus where  
> hundreds of Palestinians celebrated the terror attacks in New York and  
> Washington.  
>  
> The videographer, on assignment for Associated Press Television News,  
> was summoned to a PA security office and told that the material must  
> not be aired. Calls in the name of the Tanzim militia, an armed group  
> associated with Yasser Arafat's Fatah group, warned him he would be  
> held responsible, and made what he interpreted as threats on his life.  
>  
> Several Palestinian Authority officials spoke to AP in Jerusalem urging  
> that the material not be broadcast. Ahmed Abdel Rahman, Arafat's  
> cabinet secretary, said the Palestinian Authority "cannot guarantee the  
> life" of the cameraman if the footage was broadcast.  
>  
>  
>  
>  
> > Lee, KM4YY wrote:  
> > After this "Celebrations in Arabic South Paterson,  
> > NJ" thread was started, not one of the news networks has picked up on  
it.  
> > The Washington Post missed it too. Seems a little strange...  
>

-----  
Date: Sat, 15 Sep 2001 00:05:05 -0400  
From: Pete Burbank <plburbank@kih.net>  
To: mswmod@bigplanet.com,  
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [107039] Re: Back again....

Message-ID: <5.0.2.1.0.20010914234612.00aafec0@KIH.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Ron,  
Some of us could use some of your great skunk episodes to cheer us up.  
I hope the world/country can recover.  
I'm glad you are back again and many would welcome more posts from you!  
73 Pete NV4V KY

At 07:24 PM 9/14/2001 -0600, Ron KU7Y wrote:

>Hi All,  
>  
>Here I am, back from the mountains around Stanley, ID where we were doing  
>the campground hosting/managing thing. Very limited email while up there.  
>  
>Good to be back and now to see if there is any QRP related posts right now.  
>  
>QRP with poor antennas gave very poor results. Maybe I'm just spoiled after  
>having some good antennas for awhile!  
>  
>Later.....  
>  
>Ron, KU7Y  
>Full Time RVing somewhere in the West.  
>Currently back in Boise, ID.

-----  
Date: Fri, 14 Sep 2001 23:56:43 +0000  
From: "Steven Weber" <kd1jv@moose.ncia.net>  
To: qrp-l@lehigh.edu  
Subject: [107040] Re: Cell Phones as QRP beacons  
Message-ID: <200109150426.f8F4Quc22025@wolf.ncia.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

Cell phones will soon be required by law to have a built in GPS receiver. This is so that you (or at least the phone) can be exactly located. This is a requirement of the new enhanced 911 regs. Currently, you can be isolated to a phone cell, but that can be a large area in some cases. Often people don't know where they are

when they call in an emergency, say at night on a highway or rural area.

It's not clear at the moment exactly when the GPS data will be transmitted, or who will have access to it (other than 911 services) The data might be sent only when the phone is in active use or only when a 911 call is made. Or they can track the location of your phone almost in real time, with out your knowing. Which opens up the possibility of getting automated calls from stores or restarants you happen to be passing, advertising specials or what not. Or you can be advised a friend is near-by. Scarry, eh?

72,

Steve, KD1JV in the White Mountains of New Hampshire

"Melt Solder"

<http://www.qsl.net/kd1jv/index.html>

-----  
Date: Sat, 15 Sep 2001 00:47:45 -0400  
From: "N3BJ" <qrpdx@earthlink.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [107041] Re: Celebrations in Arabic S. Paterson, NJ [OT]  
Message-ID: <002d01c13da1\$932b4500\$7bc3323f@hppav>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Your memory is excellent, Gary.

Alan, N3BJ

----- Original Message -----

From: "DTX" <dtx@wood.tzo.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Friday, September 14, 2001 10:43 PM  
Subject: Re: Celebrations in Arabic S. Paterson, NJ [OT]

> Strange choice of words, there, Jim. Draft doger? As I recall, he went  
> down to the appointed induction center when called, stood in line and  
> refused to step forward and be inducted. He also refused the promise of  
> stateside duty at some cushy show-n-tell assignment, was sentenced to time  
> in prison and spent large amounts of money on legal fees and lost millions  
> and the 3 peak (and irreplaceable) years in his career, for what he  
> believed. And when the Supreme Court said he was right, I don't recall  
that

> he even got a "Sorry 'bout that."  
>  
> I thought draft dogers were the ones that grabbed their backpack and some  
> pot and took off for Canada to sit out the conflict while living on money  
> Mom and Daddy sent from home and then demanded amnesty when it was over so  
> they could come back. But perhaps I am remembering wrong.  
>  
> Gary WA6DTX  
>  
> ----- Original Message -----  
> From: <tcltd@widomaker.com>  
> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
> Sent: Friday, September 14, 2001 3:43 AM  
> Subject: Re: Celebrations in Arabic S. Paterson, NJ  
>  
>  
> > I seem to recall Mr Ali being pretty much a draft dodger in his  
> > pre-Muslim life...  
> >  
> > Jim  
> >  
> > Rod Cerkoney, NØRC wrote:  
> > >  
> > > No Doubt there are many fine Muslims, Mohammed Ali comes to mind. I had  
> > > the pleasure to meet the man, and his family a number of years ago.  
> > >  
> > > But, in my mind, those who celebrate the attack are no better than  
> > > those who committed the act. Yes it's a free country and they have the  
> > > right to do so, as I and others have the right to express our disgust  
> > > about their behavior. Let's be careful where, how and to whom we focus  
> > > our anger.  
> > >  
> > > 73, Rod NØRC  
> > > Ft Collins, CO  
> > >  
> > > ----- Original Message -----  
> > > From: "Brad Hernlem" <alihernlem@hotmail.com>  
> > > To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
> > > Sent: Thursday, September 13, 2001 5:30 AM  
> > > Subject: Re: Celebrations in Arabic S. Paterson, NJ  
> > >  
> > > > You may find the following instructive:  
> > > >  
> > > > <http://www.cair-net.org/>  
> > > >  
> > > > [http://iic.org/press\\_release/pr\\_terror.html](http://iic.org/press_release/pr_terror.html)  
> > > >  
> > > > The people that committed these attacks represent hate and nothing

> > > and  
> > > > no one else.  
> > > >  
> > > > Brad  
> > > >  
> > > > From: John Harper AE5X (ae5x@qsl.net)  
> > > >  
> > > > >Last night while a lot of us were glued to the TV set watching,  
> > > > among other  
> > > > >footage, the celebrations in Palestinian West Jerusalem, the  
> > > > celebrations  
> > > > >were being mimicked right here in the USA. South Paterson &  
> > > > Elizebeth, NJ  
> > > > >have large Arabic populations, some of whom gathered in the streets  
> > > > to  
> > > > >celebrate yesterday's disaster.  
> > > >  
> > > > >Disgusting human garbage, aren't they.  
> > > >  
> > > > >John Harper AE5X  
> > > > >Outdoor QRP & Lowband DXing: <http://www.qsl.net/ae5x>  
> > > >  
> > > >  
> > > > -----  
> > > > >Get your FREE download of MSN Explorer at  
> > > > <http://explorer.msn.com/intl.asp>  
> > > >  
>  
>

-----  
Date: Fri, 14 Sep 2001 22:56:51 -0700  
From: "Dave Fifield" <dave@redhotradio.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [107042] Re: QRP Afield  
Message-ID: <00b001c13dab\$3742a120\$0200a8c0@pacbell.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Look out for me on all bands from the top of  
Mount Diablo where I will be operating 2  
contests at once - the ARRL 10GHz cumulative  
(QRP of course!) and the QRP Afield while I'm  
waiting for coordination to work out.

Cheers es 72,  
Dave Fifield, AD6A

-----  
Date: Fri, 14 Sep 2001 23:38:10 -0700  
From: Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>  
To: Elecraft mail list <elecraft@qth.net>, QRP-L <qrp-l@lehigh.edu>  
Subject: [107043] ZS6/G3JAG  
Message-ID: <3BA2F752.1B8FD4F2@elecraft.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

----- Original Message -----  
From: "Roy" <royzs6qu@icon.co.za>  
Subject: ZS6/G3JAG  
Date: Fri, 14 Sep 2001 19:56:11 -0700

Arrived one day late due to obvious travel problems. No hand baggage was allowed, except for see-thru plastic bags. The K2 had to travel in a supermarket bag and got thrown around a lot, but it still works. (Thanks Elecraft - the K2 is a tough cookie)

Due to poor condx, if you hear me at all it will be thanks to an Ameritron 811A linear ..... no-one answers QRP down here.

21030 qsx up 1-2: 18080-3 also up 1

Call me !! I'll turn off the amp if you want a 2 way QRP QSO with ZS

John ZS6/G3JAG

-----  
Date: Sat, 15 Sep 2001 01:45:16 -0500 (CDT)  
From: "Adrian Weiss" <aweiss@usd.edu>  
To: qrp-l@lehigh.edu  
Subject: [107044] G3TXF for QRP Hall of Fame  
Message-ID: <Pine.SOL.4.03.10109150133040.23830-1000000@sunburst.usd.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi gang:

G3TXF as ZL7/G3TXF has been generating huge pile-ups on 30m the last three nights. I heard him first last night and called first, but he didn't hear me, and in a minute, it was too late!

Tnight I called for 3 hours and then somehow he heard a "M0??" and QRZ'd. It took 4 sets of repeats, but he hung in there until he got me @ 0616. I didn't harbor even a slight hope with that pile-up, but he took the time!

This is the 4th time! He did the same as FM/G3TXF, VP2V/G3TXF, and FW/G3TXF.

We ought to set up some kind of QRP-friendly Hall of Fame for these DX ops who take special efforts to pull a weak QRP sig out of these pile-ups. I know that these DX'rs get a special satisfaction from copying us-- like TA3DS who took 13 minutes to pull me out of the noise. Maybe the QRP-ARCI BoD can think about some kind of list and/or award for these DX ops who deserve special recognition in the QRP community. Now that I think about it, it probably would do some good in the DX world if this kind of DX op got an envelope in the mail from the QRP-ARCI with an award in it. Perhaps -- because of postage and shipping -- the award could be QSL size with the usual fancy border and the usual inscription "QRP-ARCI proudly presents this achievement certificate to" [G3TXF] etc. I'd put a little more, stating that the DX op is the kind of superior op with the skills and determination to provide us QRP'rs with our shot at working rare DX stations.

Just an idea. I suspect others on the list who have been amazed at what some DX ops will do to help us feel the same kind of admiration and gratitude that I do.

72, Ade

-----  
Date: Sat, 15 Sep 2001 01:52:00 -0500  
From: "Rob Matherly" <kc0bom@arrl.net>  
To: "Flying Pigs" <fpqrp-1@mpna.com>,  
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Cc: "Rathbun Area Hams" <rathbun-area-hams@yahoogroups.com>  
Subject: [107045] Breaking News  
Message-ID: <013501c13db2\$f66260c0\$8211a541@intern01>  
MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

This from about half an hour ago -

Afghanistan said any countries helping the US will be targeted for terrorist attacks....

Start readin' your bibles, folks... Even if you are one of those that doesn't think there's a God, isn't it better to be safe than sorry? What do you have to lose? Not to get preachy or anything, but it's good advice given the current situation.

Flames \_will\_ be ignored (this mainly goes for you touchy guys on qrp-L)

72/73/oo  
Rob, kc0bom  
FP Qrp -330; Live-Wire #442; IA QRP #143

-----  
Visit my website! <http://www.geocities.com/kc0bom>

-----  
Date: Sat, 15 Sep 2001 03:29:18 -0400  
From: "Tom" <n1tp@worldnet.att.net>  
To: "qrp-l@Lehigh.EDU" <QRP-L@LEHIGH.EDU>  
Subject: [107046] Re: Breaking News  
Message-ID: <000b01c13db8\$22034140\$4c984d0c@tom>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Breaking News

"Afghanistan said any countries helping the US will be targeted for terrorist attacks...."

The people of the U.S. must NEVER lose our resolve to kill, incapacitate or incarcerate terrorists whose "Holly War" is to kill us and our allies.

This war is going to be VERY ugly. This war will last many years. Apparently Congresswoman Lee, who voted against the Congressional grant of



power and authority to President Bush, does not comprehend the simple fact that IT'S THEM OR US. This is self defense. Individuals (and states) must take sides. Individuals who will not cooperate with us will thereby contribute to loss of our lives and property. Any individual who knows the whereabouts of any terrorist and fails to inform us of as much relevant information as possible will thereby be aiding and abetting these terrorists.

GOD BLESS AMERICA.

Tom Palmer, N1TP  
Naples, Florida

-----  
Date: Sat, 15 Sep 2001 20:13:26 +1000  
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>  
To: Rob Matherly <kc0bom@arrl.net>  
Cc: Flying Pigs <fpqrp-l@mpna.com>,  
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>,  
Subject: [107047] Re: [fpqrp] Breaking News  
Message-ID: <3BA329C6.6D6F83B1@integritynet.com.au>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=iso-8859-1  
Content-Transfer-Encoding: quoted-printable

Rob Matherly wrote:

> This from about half an hour ago -  
>  
> Afghanistan said any countries helping the US will be targeted for  
> terrorist attacks....

"TOUGH....."

We've already invoked the ANZUS treaty, the equivalent of NATO.

AND

Whatever else we can think of or, that which becomes necessary....

> Flames will be ignored (this mainly goes for you touchy guys on qrp-L=  
)

DITTO

72/73's

Ian Purdie

"I believe Australia is the best address on earth"

Budgewoi N.S.W. Australia - Co-ords S33=B014', E151=B034'

My FREE Newsletter: <http://www.electronics-tutorials.com/subscribe.htm>

VK2TIP "I'll give ya the TIP mate" QRP-L #1978. SOC #171 FP#91

URL - <http://www.electronics-tutorials.com/>

-----  
Date: Sat, 15 Sep 2001 07:59:49 -0400

From: "Mike Yetsko" <[myetsko@insydesw.com](mailto:myetsko@insydesw.com)>

To: <[lmairs@cox.rr.com](mailto:lmairs@cox.rr.com)>,

"Low Power Amateur Radio Discussion" <[qrp-l@lehigh.edu](mailto:qrp-l@lehigh.edu)>

Subject: [107048] Re: Celebrations in Arabic S. Paterson, NJ

Message-ID: <002f01c13ddd\$f67ae340\$0600a8c0@dad>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Well, the way any and (it seems) almost all the news events and stories are being inflated and blown incredibly out of proportion... The 'trigger event' may have been the three guys in the 'Urban Movers' van that were seen cheering when they witnessed the WTC impact. A waitress was reported to have called police with the plate of the van, and they were stopped and apprehended some time later. (I think they got 5 total) but it turned out they were just illegals and are being held for deportation. So far...

Mike

----- Original Message -----

From: Lee S. Mairs <[lmairs@cox.rr.com](mailto:lmairs@cox.rr.com)>

> I think that Nablus is a bit far from South Paterson. I'm not surprised  
> that the Palestinians reacted that way, but I am shocked and astonished  
that

> one or our own would make up a story about similar action in the US. Of  
> course, I might be wrong and all the media could have missed this scoop,  
but

> I kind of doubt it...  
> Lee

-----  
Date: Sat, 15 Sep 2001 08:04:31 -0400 (EDT)  
From: "John L. Sielke" <w2agn@pobox.com>  
To: qrp-l@lehigh.edu, njqrp@njqrp.org, fpqrp-l@mpna.com  
Subject: [107049] DExpedition for QRP Afield a GO!  
Message-ID: <XFMail.20010915080431.w2agn@pobox.com>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
MIME-Version: 1.0

Car is packed, getting ready to head over to Delaware. Should be set up before 1700Z, so will be listening around before contest starts. I will have to QRT at 2300Z, as the Park closes at 2330Z. Maybe next time I can get overnight permission, but with this week's events, I wouldn't really even want to ask.

Look for W3IYQ NEQRP Member #507

72,

John W2AGN/W3IYQ

-----  
Date: Sat, 15 Sep 2001 09:50:27 -0400  
From: "Henry Freedenberg" <henryf@quartz.gly.fsu.edu>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>, kd1jv@moose.ncia.net  
Subject: [107050] Re: Cell Phones as QRP beacons  
Message-ID: <3BA32463.29620.207EBF@localhost>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

I don't think that GPS would be good enough..especially in the case of a bldg collapse. You want something that can DF the signal directly.

Henry

On 14 Sep 2001, at 23:56, Steven Weber wrote:

> Cell phones will soon be required by law to have a built in GPS  
> receiver. This is so that you (or at least the phone) can be exactly  
> located. This is a requirement of the new enhanced 911 regs.  
> Currently, you can be isolated to a phone cell, but that can be a  
> large area in some cases. Often people don't know where they are  
> when they call in an emergency, say at night on a highway or rural  
> area.  
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> It's not clear at the moment exactly when the GPS data will be  
> transmitted, or who will have access to it (other than 911 services)  
> The data might be sent only when the phone is in active use or only  
> when a 911 call is made. Or they can track the location of your phone  
> almost in real time, with out your knowing. Which opens up the  
> possibility of getting automated calls from stores or restaurants you  
> happen to be passing, advertising specials or what not. Or you can  
> be advised a friend is near-by. Scarry, eh?  
>  
> 72,  
> Steve, KD1JV in the White Mountains of New Hampshire  
> "Melt Solder"  
> <http://www.qsl.net/kd1jv/index.html>  
>

-----  
Date: Sat, 15 Sep 2001 09:06:32 -0500  
From: Nick Kennedy <nkennedy@tcainternet.com>  
To: "Low Power Amateur Radio Discussion (E-mail)" <qrp-1@Lehigh.EDU>  
Subject: [107051] Island cutting doohickey--where?  
Message-ID: <01C13DC5.B792FE00.nkennedy@tcainternet.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Sorry--can't find the post about the availability of the thing that fits in  
your drill and lets you cut islands into a board. Manhattan without super  
glue. Could someone post again? Or forward to me?

Hey--this technique needs a name (if it doesn't have one). How about  
"Hawaiin Style" or "Polynesian Style"?

Thanks,

Nick, Wa5BDU

-----  
Date: Sat, 15 Sep 2001 07:53:10 -0600  
From: "AB0CD" <ab0cd@uswest.net>  
To: "QRP-L" <qrp-l@Lehigh.edu>, "cqclist" <CQCLIST@EGROUPS.COM>  
Subject: [107052] FS: MFJ-9406 six meter SSB transceiver  
Message-ID: <00ef01c13ded\$c18755a0\$254cb5d1@dnvr.uswest.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

FS: MFJ-9406 six meter SSB transceiver. Full SSB/CW  
coverage: 50.0 - 50.3 MHz. 10 Watts PEP output. MFJ's ConstantCurrent speech  
processing. Great receiver: Crystal-mixed single conversion superhet with  
low-noise preamp. Easy to operate: Vernier reduction drive S-Meter. Low  
power drain: External amplifier jack provides a key line for activating 6  
Meter amplifiers. Package includes mic, original manual. (optional CW module  
available from MFJ), and shipping to CONUS. PRICE: \$165. AB0CD@ARRL.NET

72 Dick AB0CD..

-----  
Date: Sat, 15 Sep 2001 07:54:25 -0600  
From: "AB0CD" <ab0cd@uswest.net>  
To: "QRP-L" <qrp-l@Lehigh.edu>, "cqclist" <CQCLIST@EGROUPS.COM>  
Subject: [107053] FS: IC706 - Original  
Message-ID: <010301c13ded\$ee6192c0\$254cb5d1@dnvr.uswest.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

FS: IC706 - Original. QRP to 100W on 160M-10M, 100W on 6M, 10W on 2M. Good  
condition. Includes hand mic, separation kit, remote head mounting brackets.  
Excellent mobile/FD rig. DRIVEN ONLY AT QRP SPEEDS. Has served well for  
Field Day and portable operations. \$500 including shipping to CONUS. Would  
prefer to sell to a QRPer before resorting to eBay. Dick AB0CD.  
Ab0cd@arrl.net.

-----

Date: Sat, 15 Sep 2001 09:07:18 -0500  
From: "Chuck Carpenter" <w5usj@globeco.net>  
To: nkennedy@tcainternet.com,  
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [107054] Re: Island cutting -- A Name  
Message-ID: <3.0.2.32.20010915090718.006bfaec@mail.globeco.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Nick,

How about Australian Style because you have to dig Down Under the copper --

>Hey--this technique needs a name (if it doesn't have one). How about  
>"Hawaii Style" or "Polynesian Style"?

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1  
ARCI #5422, QRP-L #1306, SOC #57, Six Club #201, SMIRK #6275  
Zombie #749, RARA #3, NETXQRP Web Site <http://www.netxqrp.org>

-----  
Date: Sat, 15 Sep 2001 10:25:09 -0400  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: <nkennedy@tcainternet.com>,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [107055] Re: Island cutting doohickey--where?  
Message-ID: <002501c13df2\$4269e260\$0600a8c0@dad>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

A couple of places sell them. OK is one, PCB specialties  
or something like that I think is another.

They should be in the DigiKey catalog.

Then look like a screwdriver. The bit is a 'pin' that goes into  
a small hole that is already drilled. Around the 'pin' is a  
'tube' with a cutting edge. The whole thing looks like a  
miniature 'hole saw' on a screwdriver handle.

I suppose bits exist for drills too, but I personally haven't  
seen one. If you have that much to do that you need an

automated or industrial bit, then you're probably better off designing a new board.

Mike

----- Original Message -----

From: Nick Kennedy <nkennedy@tcainternet.com>

> Sorry--can't find the post about the availability of the thing that fits  
in  
> your drill and lets you cut islands into a board. Manhattan without  
super  
> glue. Could someone post again? Or forward to me?  
>  
> Nick, Wa5BDU

-----  
Date: Sat, 15 Sep 2001 10:27:25 -0400  
From: "Mike Yetsko" <myetsko@insydesw.com>  
To: <ianpurdie@integritynet.com.au>,  
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [107056] Re: [fpqrp] Breaking News  
Message-ID: <003401c13df2\$8e7fba80\$0600a8c0@dad>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

----- Original Message -----

Rob Matherly wrote:

> This from about half an hour ago -  
>  
> Afghanistan said any countries helping the US will be  
> targeted for terrorist attacks....

Hmm, isn't that pretty much an admission of guilt?

"I didn't do it, but if you blame me, I'll do it again!"

Mike

-----  
Date: Sat, 15 Sep 2001 10:59:43 -0400  
From: "David Porter" <aa3ur@home.com>  
To: <nkennedy@tcainternet.com>,  
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [107057] Re: Island cutting doohickey--where?  
Message-ID: <004f01c13df7\$0e52ac00\$927ba8c0@jamison1.pa.home.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

In the newest QRP Homebrewer Magazine published by the New Jersey QRP club  
the following advertisement:

Description:

This diamond-tipped end mill can be chucked up in a simple drill press (e.g. Dremel tool & Stand) and used to cut 5mm circular "islands" in copper-clad pcb board material. Components may then be soldered to these isolated islands that serve as the circuit "nodes" that conventional Manhattan-pads provide. No snipping, no gluing and no pads popping off the board with this homebrewing technique! Cuts thousands of islands with {no} need for replacement.

Price and ordering:

\$9 Includes shipping to US & Canada (DX orders Please add \$2 extra) Write checks payable to "George Heron N2APB" and send to:

George Heron N2APB  
2419 Feather Mae Court  
Forrest Hill, MD 21050

Or send payment electronically to n2apb@amsat.org via PayPal.

In addition, you can order the "New Jersey Islander" in conjunction with the K8 IQY "Islander Amp" 2N222 push-pull audio amplifier kit for:

\$9 for the kit  
\$7 for the islander.

Or

You can order the "New Jersey Islander" in conjunction with the Manhattan Style Starter Kit for:

\$15 for the starter kit  
\$7 for the islander



For more information, see QHB #6 (QRP Homebrewer from NJQRP)  
<http://www.njqrp.org/>

David Porter AA3UR  
aa3ur@home.com

----- Original Message -----

From: "Nick Kennedy" <nkennedy@tcainternet.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Saturday, September 15, 2001 10:06 AM  
Subject: Island cutting doohickey--where?

> Sorry--can't find the post about the availability of the thing that fits  
in  
> your drill and lets you cut islands into a board. Manhattan without super  
> glue. Could someone post again? Or forward to me?  
>  
> Hey--this technique needs a name (if it doesn't have one). How about  
> "Hawaiin Style" or "Polynesian Style"?  
>  
>  
> Thanks,  
>  
> Nick, Wa5BDU

-----  
Date: Sat, 15 Sep 2001 10:26:21 -0500  
From: "Mike Duke" <k5xu@concentric.net>  
To: "qrp" <qrp-l@lehigh.edu>  
Subject: [107058] Filter for Sangean and RS receiver  
Message-ID: <00b801c13dfa\$fed56200\$3c020240@k5xu>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Will someone please give me the ordering information for the after market  
filter for the DX-398?

Thanks,

Mike Duke, President  
American Council of Blind Radio Amateurs

-----  
Date: Sat, 15 Sep 2001 09:45:40 -0600  
From: "James R. Duffey" <jamesd1@flash.net>  
To: <qrp-l@lehigh.edu>  
Subject: [107059] RIverside QRP Forum A Big Success  
Message-ID: <B7C8D3C4.D7D5%jamesd1@flash.net>  
Mime-version: 1.0  
Content-type: text/plain; charset="US-ASCII"  
Content-transfer-encoding: 7bit

With all of the events of the week I realize that I did not post my impressions of the QRP forum at the SW Division ARRL Convention.

The QRP activities were great and Bill Phinizy did a great job of putting it all together. He was the ever gracious host and made the stay quite comfortable for me and the rest of the speakers.

The Friday supper was at a Mexican restaurant. We filled up a good fraction of it. My daughter, not a ham, had driven me out from Culver City and stayed for the supper. Thomas, AC7A of 160 M vertical fame, and Wayne, NK6R of Elecraft fame, sat next to us and were teasing her about her major, Creative Writing and Classics. Eric Swartz WA6HHQ, also of Elecraft, came over and rescued her. Together they recited in old English the preamble to Chaucer's "Canterbury Tales"!

I met many old friends and made a lot of new ones. Many of the Lake Perris QRP Society make it to Tuthill each year and there were lots of the Az SQRPions at the convention.

The room, which seated 140 or so was pretty much full for all of the talks, and overflowing for several. I received the able assistance of 10 year old Elliott KD7QZZ (?), a general class licensee, for my balun talk. Now I know why W. C. Fields did not want to share the stage with children!! A 7 element beam. Elliot and his dad (also a Ham) are from Arizonia and will probably be at Tuthill next year, so look for them. I invited them to take part in the QRP activities.

The vendor section had a good selection of vendors. Vern's Superantennas were evident at several booths, including Yaesu's. Amidon was also there and they had most of their core stock there for purchase. There was no swap meet, but there was some stuff available at the QRP open house.

All in all, a very nice event. I hope that it will become a regular feature of the SW Division Convention. The time is fast coming when every QRPer in the country is only a day's drive away from a major QRP event!

--

James R. Duffey KK6MC/5  
30 Casa Loma Road  
Cedar Crest, NM 87008

-----  
Date: Sat, 15 Sep 2001 12:24:33 EDT  
From: DYARNES@aol.com  
To: aweiss@usd.edu, qrp-1@lehigh.edu  
Subject: [107060] Re: G3TXF for QRP Hall of Fame  
Message-ID: <79.1b113e56.28d4dac1@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

In a message dated 9/14/2001 11:47:20 PM US Mountain Standard Time, aweiss@usd.edu writes:

<< Tnigh I called for 3 hours and then somehow he heard a "M0??" and QRZ'd. It took 4 sets of repeats, but he hung in there until he got me @ 0616. I didn't harbor even a slight hope with that pile-up, but he took the time! >>

I've tried also, but he hasn't pulled me out of the pile yet. I must say I'm not surprised. I continue to be appalled at how maddeningly inconsiderate so many hams can be in these pileups. A lot of stations just keep sending their call regardless of who he goes back to. I realize that once in a while you don't hear that he went back to somebody, but for a bunch of stations I heard it was constant! For some reason it seems worse this time than other times. Oh well, I know I'm "preaching to the choir"! Hope he is going to be there for a while.

72 de Dave W7AQK

-----  
Date: Sat, 15 Sep 2001 11:28:33 -0600  
From: "James R. Duffey" <jamesd1@flash.net>  
To: <qrp-1@lehigh.edu>, <aa4lr@arrl.net>  
Subject: [107061] Re: Article on ladder line losses  
Message-ID: <B7C8EBE1.D7DD%jamesd1@flash.net>  
Mime-version: 1.0

Content-type: text/plain; charset="US-ASCII"  
Content-transfer-encoding: 7bit

Bill - I looked for information on the type 47 ferrite beads he cited that were used in his balun. I could not find mention of a type 47 ferrite in either the Amidon or Fair Rite technical literature. Do you have information on this material?

I thought it might be a typo or misprint. - Thanks - Dr. Megacycle KK6MC/5  
--

James R. Duffey KK6MC/5  
30 Casa Loma Road  
Cedar Crest, NM 87008

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Date: Fri, 14 Sep 2001 15:37:11 -0500  
From: Chris J Cole <cjcole@ameshomeschool.org>  
To: QRP-L <qrp-l@lehigh.edu>  
Subject: [107062] My Thoughts  
Message-ID: <B7C7D4A7.55A5%cjcole@ameshomeschool.org>  
Mime-version: 1.0  
Content-type: text/plain; charset="US-ASCII"  
Content-transfer-encoding: 7bit

Hello All--

I know this is off topic so I'll keep my thoughts brief. I was very shocked to hear of this news. I am a high school journalist and I've covered the shootings in Colorado and bomb scares here in our very own high school and would just like to say thanks to the many news anchors, producers and photographers that have been covering the story. I think that many people don't thank them enough when it comes to stories like these. Stories that for some of them hit really close to home.

As you all know I am into CNN (Hence the callsign K0CNN) and I would just like to thank Aaron Brown, the anchor who started to cover all this 3 days ago. I'm very amazed at his level of composure at some of the stories they tell. I can remember him saying "This is a story I don't wish on anyone to cover".

I don't think that many news people will come away unscathed from this. For that matter nobody will.

Thanks for listening and God Bless

73s

Chris

---

Chris J. Cole        Callsign: K0CNN  
Editor, Ames Homeschool Journal  
Shack Manager, Cyclone Amateur Radio Club  
Newsroom: 515-233-5024  
E-mail: CJCole@ameshomeschool.org  
<http://www.ameshomeschool.org>

-----  
Date: Sat, 15 Sep 2001 13:29:01 -0400  
From: "John Dorson" <JDORSON@worldshare.net>  
To: "QRP-L" <qrp-l@Lehigh.EDU>  
Subject: [107063] FS: SLV and sd-20 fishing pole  
Message-ID: <000201c13e13\$67ea65c0\$0d679c40@john>  
MIME-Version: 1.0  
Content-Type: text/plain;  
              charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Have complete SLV for sale. If interested please e-mail me directly.

Thanks  
John K2JHU...  
jdorson@worldshare.net

-----  
Date: Sat, 15 Sep 2001 12:26:00 -0600  
From: "James R. Duffey" <jamesd1@flash.net>  
To: <qrp-l@lehigh.edu>, <stephen@stevef.demon.co.uk>  
Subject: [107064] Re: Question about 1:1 balun at the feedpoint of nested dipoles.  
Message-ID: <B7C8F957.D7E0%jamesd1@flash.net>  
Mime-version: 1.0  
Content-type: text/plain; charset="US-ASCII"  
Content-transfer-encoding: 7bit

Steven - It is good engineering practice to use a balun wherever a balanced to unbalanced transition occurs in a transmission line system. This includes the coax to dipole transition. Unfortunately most hams aren't good engineers. :^)= Myself included on occasion.

The choice of balun depends a bit on the configuration of your installation. But more on that later.

I suggest that you may want to reconsider nesting that many dipoles. Nested dipoles work best if the bands are even harmonically related, so that on the desired frequency the desired dipole presents a low impedance and at the higher frequency the dipole represents a higher impedance so that the dipole with the lowest impedance gets most of the power delivered to it. If you add more dipoles, the distinction between them is not so good and there is a lot of interactions. Trying to get it to work well on all bands may be a hassle. Guinness, Newcastle and Bass all work to reduce the hassle on that side of the Atlantic. I find Fat Tire or Negra Modelo do good jobs of it in this hemisphere.

You might want to look at erecting a 20 M dipole fed with balanced feeders, either 450 Ohm ladder line or 300 Ohm TV twin lead. You can use this on all bands from 20 M to 10 M. You can use a tuner with it, or adjust the length of the feedline to get a low impedance at the transmitter. Cecil Moore, W6RCA, used to have a web page that showed how to do this with a 66 ft 40 M dipole and a 44 ft 10 M extended double Zepp, but it no longer appears to be in service. For a 33 ft 20 M dipole feed it with a half wave (remember the velocity factor) or multiple thereof on 20 M. This will give a low impedance on 20 M. Now arrange 5 DPDT switches to switch in 16 ft, 8 ft, 4 ft, 2 ft and 1 ft of the balanced feeder you are using. By selecting the proper lengths to switch in on the various bands, you should get a fairly low, mostly resistive, match on all bands 20 M through 10 M. There are other configurations that will work as well. A bit of time spent with an antenna modeling program and transmission line modeling program, or Smith Chart, will help you see what is happening. The simplistic (and technically wrong, but it will get you in the ballpark) explanation is that you want the sum of the feedline length (including the velocity factor) and the length of one half the dipole to be an odd multiple of a quarter wavelength.

If you still want information on baluns for dipoles, it depends on the configuration. If the center is supported, as in an inverted vee, I suggest an air wound choke balun. See:

<http://www.berkshire.net/~robbins/technote/airbalun.html>

Either 6 Turns of RG-8 on a 4-1/4 inch OD PVC form or 4 turns RG-8 on 6-7/8 inch OD PVC will work OK for 14 to 30 MHz operation. There are also several scramble wound air core balun designs in the ARRL Handbook and ARRL Antenna Book. You can also use these baluns to go from an unbalanced tuner to the balanced feedline if you chose to go that route. These can be a bit heavy at the center of dipoles with no center support.

If the middle is not supported a bead balun will put the least weight on the center. You can find designs for these in the Handbooks as well, but for your application 12 to 18 inches of type 43 beads slipped over the outside of RG58 or RG8 should work fine in this region.

Torroid based baluns can also be used.

I hope that this helps. - Dr. Megacycle KK6MC/5

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James R. Duffey KK6MC/5  
30 Casa Loma Road  
Cedar Crest, NM 87008

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Date: Sat, 15 Sep 2001 15:15:58 -0400  
From: "Steve Hudson" <sdhudson@cahners.com>  
To: <qrp-l@lehigh.edu>  
Subject: [107065] Looking for sources for crystals for a group-build project  
Message-ID: <000101c13e1a\$d9a18e80\$27aab23f@acpdceditor>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi folks -- I know this has been asked here many times before, but I've never paid attention to the answers till now!

I'm hosting a "transmitter building day" for a number of QRPers here in the Atlanta area. We'll be building one-watt transmitters. I'm able to supply all of the parts except for each person's crystal, and a number of participants have asked for suggestions on where to find crystals for QRP frequencies. So far, bands of interest are 80, 40, 30 and 20. The 80 meter crystals are not a major problem, but the others are proving harder to find.

Can anyone suggest sources of inexpensive crystals?

Thanks!

Steve AA4BW

-----

Date: Sat, 15 Sep 2001 15:39:29 -0400  
From: Bruce Muscolino <w6toy@erols.com>  
To: myetsko@insydesw.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [107066] Re: [fpqrp] Breaking News  
Message-ID: <3BA3AE71.9522A1C8@erols.com>

MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Mike,

I don't think so. What they are saying is that if you retaliate against us without clear proof we will strike back.

We have said almost exactly the same thing. Now, Bin Ladin may in fact be responsible, and may in fact be receiving their support. In that case it is a case of saying we'll do it again if you strike us. Let's see where our government decides to strike before we jump to conclusions!

73

-----  
Date: 15 Sep 2001 15:03:15 EST  
From: Michael Goins <mgoins@usa.net>  
To: qrp-1@lehigh.edu  
Subject: [107067] anyone have one?  
Message-ID: <20010915200315.6785.qmail@awcst094.netaddress.usa.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: quoted-printable

Just got an older outbacker for the van (WL-130) to use with the 817, and =  
I  
didn't realize it had the strange fitting at the end. It is not the stand=  
ard  
threaded end - it's some sort of special "slip-and-twist" connection used=  
by  
outbacker. Guess I now need the outbacker spring assembly. Anyone have one=  
e  
they'd part with or know where I might find one reasonable? Thanks in  
advance.  
mike  
wb5yjx

-----  
Get free email and a permanent address at <http://www.amexmail.com/?A=3D1>  
-----

Date: Sat, 15 Sep 2001 17:51:30 -0500  
From: Nick Kennedy <nkennedy@tcainternet.com>



To: "Low Power Amateur Radio Discussion (E-mail)" <qrp-1@Lehigh.EDU>

Subject: [107068] More talk about ladder lines ...

Message-ID: <01C13E0F.0DCAA360.nkennedy@tcainternet.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Content-Transfer-Encoding: 7bit

Some recent discussions on ladder line losses sort of parallel some research I was doing. I'd been thinking about that switched length feeder designed by W6RCA (the one Dr. Megacycle just mentioned) and the fact that it's said to require less than 18:1 SWR on the ladder line to be able to produce a 2:1 SWR or less at the input. It seemed like 18:1 or less might be a tall order for a more or less random length, multiband dipole.

To find that out, I took Reg Edwards' DIPOLE1.EXE program and let it figure the Z and the SWR for both 450 and 50 ohm feeders on all bands 80 thru 10 (including WARC), and logged the readings in a spreadsheet. I did it for both a 135 foot dipole and a 180 footer, to see if there was any magic in the 135 foot deal.

I thought the results were interesting, not just from the standpoint of W6RCA's trick tuner, but as a comparison of 450 Vs 50 ohm feeders in general, when serious mismatches exist.

First, the SWR on the 450 ohm line is lower than on the 50 in almost every case, and often by a big factor. So the 50 ohm line is taking a double whammy--it's inherently higher loss for a given SWR, and in these cases the 50 ohm SWR is greater than 50:1 in 9 of the 16 cases. (Eight bands, two antennas.) The ladder line never showed an SWR of over 15:1. I was beginning to think that the recent emphasis on ladder line was mainly just a fad, but now I don't think so. The program DIPOLE1 also gives the line loss. When I chose a 30 meter long feeder, it would often go from 95% loss to less than 10% loss when the feeder changed from 50 ohm to 450 ohm line.

I guess the 450 ohm  $Z_0$  just lies well centered between the extremes of feedpoint impedance seen when using a dipole on multiple bands, much better than a 50 ohm line, which is at or below the low end of the typical range of antenna impedances.

Like many who aren't on the technical cutting edge, I've tended to jerk from side to side on the merits of ladder line Vs. coax, depending on the most recent expert testimony I've heard. For instance, Roy Lewallen often states that the advantage of ladder line is often insignificant. But I really think he's talking about the matched line case and not cases where extreme SWRs exist.

I did buy the relays to make that switched line tuner, but then I got the Matchbox and put that project on hold. BTW Doc, I think it takes 4PDT, not

DPDT, unless you've come up with a way to make DPDT work.

In addition to it's other advantages, ladder line looks totally cool. Like real ham radio.

72--Nick, WA5BDU

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End of QRP-L Digest 2313

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